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Docket No. PRD-26 CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : De Corte, B. et al.

Serial No. : 10/782,060 Art Unit: 1646

Filed : February 18, 2004 Examiner: Not yet assigned

For : PIPERIDINYL TARGETING COMPOUNDS THAT SELECTIVELY BIND INTEGRINS

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June 14, 2004  
(Date of Deposit)

Myra H. McCormack  
(Name of applicant, assignee, or Registered Representative)

Myra McCormack  
(Signature)

June 14, 2004  
(Date of Signature)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this

information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with  the first or  second After Final Submission, therefore:

- Statement in Accordance with §1.97(e)  
(attached); or
- Please charge Deposit Account No. 10-  
0750/ / the fee of \$180.00 as set forth  
in §1.17(p).

In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

- Statement in Accordance with §1.97(e)  
(attached); or
- Please charge Deposit Account No. 10-  
0750/ / the fee of \$180.00 as set forth  
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In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

- Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:
  - In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
  - If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.
- Copies of only foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98 (a)(2). (The U.S. patents and each U.S. patent application publication listed on the attached Form PTO-1449 are not

enclosed because this U.S. patent application was filed after June 30, 2003 or this international application has entered the national stage under 35 USC §371 after June 30, 2003 (see USPTO waiver of requirement under 37 CFR 1.98 (a)(2)(i).

There are no listed references which are not in the English language.

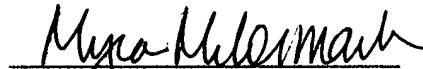
The relevance of those listed references which are not in the English language is as follows:

Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/PRD26CIP/MHM. This form is submitted in triplicate.

Respectfully submitted,

  
Myra H. McCormack  
Reg. No. 36,602  
Attorney for Applicants

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DATED: *June 14, 2004*



PTO/SB/08A (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup>			
		4,289,772		Campbell, S. et al.	09-15-1981	
		6,211,191	B1	Meissner, R.S. et al.	04-03-2001	
		5,919,792	B1	Duggan et al	07-06-1999	
		5,855,866		Thorpe et al	01-05-1999	
		6,342,219		Thorpe et al	01-29-2002	
		5,902,795		Toole et al	05-11-1999	
		5,762,918		Thorpe	06-09-1998	
		5,474,765		Thorpe	12-12-1995	
		2002/0016625	A1	Falotico et al	02-07-2002	

## FOREIGN PATENT DOCUMENTS

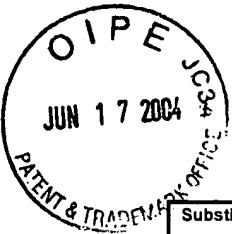
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>				
		WO	9409029		Merck and Co., Inc.	04-28-1994		
		WO	99/31061	A1	Merck and Co., Inc.	06-24-1999		
		WO	00/72801	A2	Merck and Co., Inc.	12-07-2000		
		WO	01/96334	A2	Pharmacia Corporation	12-20-2001		
		WO	01/23376	A1	Ortho-McNeil Pharmaceutical, Inc.	04-05-2001		
		WO	00/35887	A2	Du Pont Pharmaceuticals Company	06-22-2000		
		WO	00/35492	A2	Du Pont Pharmaceuticals Company	06-22-2000		

Examiner Signature	Date Considered
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 2 of 4

<i>Application Number</i>	10/782/060
<i>Filing Date</i>	February 18, 2004
<i>First Named Inventor</i>	DeCorte, B.
<i>Group Art Unit</i>	1646
<i>Examiner Name</i>	Not yet assigned
<i>Attorney Docket Number</i>	PRD-26 CIP

## **FOREIGN PATENT DOCUMENTS**

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Application Number

10/782/060

Filing Date

February 18, 2004

First Named Inventor

DeCorte, B.

Group Art Unit

1646

Examiner Name

Not yet assigned

Attorney Docket Number

PRD-26 CIP

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 4

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		KATANO, K. et al: "Tetrahydrothienopyridine derivatives as novel GPIIb/IIa antagonists". Bioorganic & Medicinal Chemistry Letters (1996), 6(21), 2601-2606.
		KLEIN, S.I. et al: "Design of a New Class of Orally Active Fibrinogen Receptor Antagonists". Journal of Medicinal Chemistry (1998), 41(14), 2492-2502.
		GRUMEL, V. et al: "Synthesis of Substituted Oxazolo '4,5-blpyridine Derivatives". Heterocycles (2001), 55(7), 1329-1345.
		FISHER, M.J. et al: "Fused Bicyclic Gly-Asp.bet.a-tum Mimics with Potent Affinity for GPIIb-IIIA. Exploration of the Arginine Isostere". Bioorganic & Medicinal Chemistry Letters (2000), 10(4), 385-389.
		LAWSON, E.C. et al: "1,2,4-Triazolo '4,3-alpyridine as a Novel, Constrained Template for Fibrinogen Receptor (GPIIb/IIIA) Antagonists: Biorganic & Medicinal Chemistry Letters (2001), 11(19), 2619-2622.
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		de Groot FM, et al, "Design, synthesis, and biological evaluation of a dual tumor-specific motive containing integrin-targeted plasmin-cleavable doxorubicin prodrug, Mol. Can Ther. Sept. 2002, (11) pp. 901-911

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Sheet 4 of 4

<b>Application Number</b>	10/782/060
<b>Filing Date</b>	February 18, 2004
<b>First Named Inventor</b>	DeCorte, B.
<b>Group Art Unit</b>	1646
<b>Examiner Name</b>	Not yet assigned
<b>Attorney Docket Number</b>	PRD-26 CIP

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		G.G. Bishop, "Selective av $\beta$ 3-Receptor Blockade Reduces Macrophage Infiltration and Restenosis After Balloon angioplasty in the Atherosclerotic Rabbit", Circulation, April 10, 2001, pp.1906-1911	
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<b>Examiner Signature</b>		<b>Date Considered</b>	
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